BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP) - 1

Name of Work: Construction of Marriage Community Hall in Jakkur in Ward No. 07, Byatarayanapura Kodigehalli Sub-Division.

Name of Agency: Sri K. Shankar Reddy, # 48/2, Kaverinagar, Kaval Bairasandra, Bangalore - 32.

Estimated Cost: 2,00,00,000.00

Tender Amount : Rs. 1,97,02,671.00 Lakhs

Work Order No. EE(Project) Ynk Zone/WO/49/2019-20 Dated: 25-07-2019.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Approved Qty			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry,	Cum	13.32	1103.76	14702.08	**13.32**	1230.69	16392.79	**13.32**	13.32	1230.69	16392.79	0.00	0.00	0.00	16393.00		0.21	
2	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a	Cum	23.74	168.48	3999.72	**23.74**	187.86	4459.80	**23.74**	23.74	187.86	4459.80	0.00	0.00	0.00	4460.00		0.20	
3	Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance	Sqm	63.00	59.40	3742.20	**63.00**	66.23	4172.49	**63.00**	63.00	66.23	4172.49	0.00	0.00	0.00	4172.00	0.49		
4	Dismantling size stone masonry in clay mortar and stacking the size stone within a radius of 50m and removing the debris to a	Cum	17.68	185.76	3284.24	**17.68**	207.12	3661.88	**17.68**	17.68	207.12	3661.88	0.00	0.00	0.00	3662.00		0.12	
5	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of	Cum	358.80	169.56	60838.13	**372.60**	189.06	70443.76	**372.60**	372.60	189.06	70443.76	0.00	0.00	0.00	70444.00		0.24	
6	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work,	Cum	422.99	116.00	49066.84	**436.79**	129.34	56494.42	**436.79**	436.79	129.34	56494.42	0.00	0.00	0.00	56494.00	0.42		
7	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits	Cum	488.59	305.64	149332.65	**610.74**	340.79	208134.08	**610.74**	610.74	340.79	208134.08	0.00	0.00	0.00	208134.00	0.08		
	Qty Above 125%					**560.75**	540.69	303191.92	**560.75**	560.75	540.69	303191.92	0.00	0.00	0.00	303192.00		0.08	
8	Providing and Filling in foundation with granite/trap broken metal 100mm. and down size, with approved sand	Cum	38.90	2283.12	88813.37	**48.63**	2545.68	123796.42	**48.63**	48.63	2545.68	123796.42	0.00	0.00	0.00	123796.00	0.42		
	Qty Above 125%					**62.32**	2925.00	182286.00	**62.32**	62.32	2925.00	182286.00	0.00	0.00	0.00	182286.00		0.00	
9	Providing sand cement bed with 5% cement with all leads for all materials and lift of 1.5 m. machine mixed, laid in layers of	Cum	38.90	3349.08	130279.21	**48.63**	3734.22	181595.12	**48.63**	48.63	3734.22	181595.12	0.00	0.00	0.00	181595.00	0.12		
	Qty Above 125%					**62.32**	3610.19	224987.04	**62.32**	62.32	3610.19	224987.04	0.00	0.00	0.00	224987.00	0.04		
10	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down	Cum	129.10	5256.36	678596.08	**161.38**	5860.84	945822.36	**161.38**	161.38	5860.84	945822.36	0.00	0.00	0.00	945822.00	0.36		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
	Qty Above 125%					10.69	6143.83	65677.54	10.69	10.69	6143.83	65677.54	0.00	0.00	0.00	65678.00		0.46	
11	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone	Cum	159.75	4521.96	722383.11	199.69	5041.99	1006834.98	199.69	199.69	5041.99	1006834.98	0.00	0.00	0.00	1006835.00		0.02	
	Qty Above 125%					19.56	5534.50	108254.82	19.56	19.56	5534.50	108254.82	0.00	0.00	0.00	108255.00		0.18	
12	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of	Cum	75.47	5405.40	407945.54	78.39	6027.02	472458.10	78.39	78.39	6027.02	472458.10	0.00	0.00	0.00	472458.00	0.10		
13	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of	Sqm	146.52	105.84	15507.68	166.71	118.01	19673.45	166.71	166.71	118.01	19673.45	0.00	0.00	0.00	19673.00	0.45		
14	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth,	Cum	488.59	137.16	67015.00	610.74	152.93	93400.47	610.74	610.74	152.93	93400.47	0.00	0.00	0.00	93400.00	0.47		
	Qty Above 125%					560.75	242.04	135723.93	560.75	560.75	242.04	135723.93	0.00	0.00	0.00	135724.00		0.07	
15	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm	Cum	93.95	6718.68	631219.99	117.44	7491.33	879781.80	117.44	117.44	7491.33	879781.80	0.00	0.00	0.00	879782.00		0.20	
	Qty Above 125%					65.12	6998.81	455762.51	65.12	65.12	6998.81	455762.51	0.00	0.00	0.00	455763.00		0.49	
16	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340kgs, with 20mm	Cum	115.67	6876.36	795388.56	125.20	7667.14	959925.93	125.20	125.20	7667.14	959925.93	0.00	0.00	0.00	959926.00		0.07	
17	First Floor	Cum	109.46	6926.36	758159.37	106.26	7722.89	820634.29	106.26	106.26	7722.89	820634.29	0.00	0.00	0.00	820634.00	0.29		
18	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm	Sqm	33.12	492.48	16310.94	0.00	549.12	0.00	0.00	0.00	549.12	0.00	0.00	0.00	0.00	0.00	0.00		
19	First Floor Chijja	Sqm	43.44	497.48	21610.53	0.00	554.69	0.00	0.00	0.00	554.69	0.00	0.00	0.00	0.00	0.00	0.00		
20	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking,	T	54.00	65455.56	3534600.24	62.00	72982.95	4524942.90	62.00	62.00	72982.95	4524942.90	0.00	0.00	0.00	4524943.00		0.10	
21	Lift charges for steel of all diameters for additional floors over GF per floor height of 3.5 m. or part thereof cost of labour,	T	16.00	509.76	8156.16	0.00	568.38	0.00	0.00	0.00	568.38	0.00	0.00	0.00	0.00	0.00	0.00		
22	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations,	Sqm	202.88	249.48	50614.50	253.60	278.17	70543.91	253.60	253.60	278.17	70543.91	0.00	0.00	0.00	70544.00		0.09	
	Qty Above 125%					91.84	310.68	28532.85	91.84	91.84	310.68	28532.85	0.00	0.00	0.00	28533.00		0.15	
23	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface	Sqm	207.81	316.44	65759.40	259.76	352.83	91651.12	259.76	259.76	352.83	91651.12	0.00	0.00	0.00	91651.00	0.12		
	Qty Above 125%					77.63	431.10	33466.29	77.63	77.63	431.10	33466.29	0.00	0.00	0.00	33466.00	0.29		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	2
24	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post	Sqm	281.92	395.28	111437.34	281.01	440.74	123852.35	281.01	281.01	440.74	123852.35	0.00	0.00	0.00	123852.00	0.35		
25	First Floor Columns	Sqm	195.60	400.28	78294.77	194.18	446.31	86664.48	0.00	0.00	446.31	0.00	0.00	0.00	0.00	0.00	86664.48		
26	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of	Sqm	314.97	276.48	87082.91	261.27	308.28	80544.32	0.00	0.00	308.28	0.00	0.00	0.00	0.00	0.00	80544.32		
27	First Floor	Sqm	306.47	281.48	86265.18	326.79	313.85	102563.04	0.00	0.00	313.85	0.00	0.00	0.00	0.00	0.00	102563.04		
28	Providing and removing centering height more than 3.5 mtrs, shuttering, strutting, propping etc., and removal of	Sqm	401.15	338.04	135604.75	305.61	376.91	115187.47	0.00	0.00	376.91	0.00	0.00	0.00	0.00	0.00	115187.47		
29	First Floor	Sqm	401.15	343.04	137610.50	357.21	382.49	136629.25	0.00	0.00	382.49	0.00	0.00	0.00	0.00	0.00	136629.25		
30	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floor, cills, plinth	Sqm	15.81	732.24	11576.71	17.98	816.45	14679.77	0.00	0.00	816.45	0.00	0.00	0.00	0.00	0.00	14679.77		
31	First Floor	Sqm	15.81	737.24	11655.76	18.58	822.02	15273.13	0.00	0.00	822.02	0.00	0.00	0.00	0.00	0.00	15273.13		
32	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges	Sqm	33.12	291.60	9657.79	0.00	325.13	0.00	0.00	0.00	325.13	0.00	0.00	0.00	0.00	0.00	0.00		
33	First Floor	Sqm	43.44	296.60	12884.30	0.00	330.71	0.00	0.00	0.00	330.71	0.00	0.00	0.00	0.00	0.00	0.00		
34	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding	Sqm	14.29	513.00	7330.77	16.95	572.00	9695.40	0.00	0.00	572.00	0.00	0.00	0.00	0.00	0.00	9695.40		
35	First Floor	Sqm	14.29	518.00	7402.22	17.86	577.57	10315.40	0.00	0.00	577.57	0.00	0.00	0.00	0.00	0.00	10315.40		
	Qty Above 125%					1.19	631.76	751.79	0.00	0.00	631.76	0.00	0.00	0.00	0.00	0.00	751.79		
36	Providing and constructing load bearing with solid concrete blocks having block density not less than 1800 kg/cum having a	Sqm	409.91	1011.96	414812.52	190.99	1128.34	215501.66	190.99	190.99	1128.34	215501.66	0.00	0.00	0.00	215502.00		0.34	
37	First Floor	Sqm	394.07	1041.96	410605.18	392.79	1161.79	456339.49	0.00	0.00	1161.79	0.00	0.00	0.00	0.00	0.00	456339.49		
38	Providing and constructing load bearing with solid concrete blocks with solid concrete blocks of size 400 x 100 x 200	Sqm	81.97	773.28	63385.76	0.00	862.21	0.00	0.00	0.00	862.21	0.00	0.00	0.00	0.00	0.00	0.00		
39	First Floor	Sqm	48.30	803.28	38798.42	0.00	895.66	0.00	0.00	0.00	895.66	0.00	0.00	0.00	0.00	0.00	0.00		
40	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size	Cum	14.74	5876.28	86625.18	14.09	6552.05	92318.38	0.00	0.00	6552.05	0.00	0.00	0.00	0.00	0.00	92318.38		
41	First Floor	Cum	0.71	5926.28	4207.66	0.73	6607.80	4823.69	0.00	0.00	6607.80	0.00	0.00	0.00	0.00	0.00	4823.69		
42	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or	Cum	1.80	111083.40	200158.40	0.39	123857.99	48304.62	0.00	0.00	123857.99	0.00	0.00	0.00	0.00	0.00	48304.62		

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
43	Providing and fixing in position fully paneled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom	Sqm	30.45	5014.44	152689.70	7.56	5591.10	42268.72	0.00	0.00	5591.10	0.00	0.00	0.00	0.00	0.00	42268.72		
44	First Floor	Sqm	31.29	5017.44	156995.70	0.00	5594.45	0.00	0.00	0.00	5594.45	0.00	0.00	0.00	0.00	0.00	0.00		
45	Providing and fixing in position anodized aluminium windows and ventilators as per approved drawings with sliding shutters	Sqm	41.04	4123.44	169225.98	7.18	4597.64	33011.06	26.14	8.98	4597.64	41286.81	17.16	4269.45	73263.76	114551.00		81539.94	
46	First Floor	Sqm	51.84	4126.44	213914.65	30.15	4600.98	138719.55	31.89	31.89	4600.98	146725.25	0.00	0.00	0.00	146725.00		8005.45	
47	Providing and fixing M.S. grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats, or M.S. square rods, or	Kgs	1950.00	84.24	164268.00	765.00	93.93	71856.45	1698.00	956.00	93.93	89797.08	742.00	175.39	130139.38	219936.00		148079.55	
48	Providing and fixing 12.5mm to 25 mm expanded metal work of 14 gauge with Mathi or Nandi wood patties of 50 mm x 12 mm	Sqm	92.88	1243.08	115457.27	37.33	1386.03	51740.50	7.18	7.18	1386.03	9951.70	0.00	0.00	0.00	9952.00	41788.50		
49	Providing and fixing in position collapsible steel shutters with single or double leaf with vertical channel 20mm10mm2mm	Sqm	19.32	4355.64	84150.96	19.32	4856.54	93828.35	0.00	0.00	4856.54	0.00	0.00	0.00	0.00	0.00	93828.35		
50	Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel	Sqm	39.60	3090.96	122402.02	39.60	3446.42	136478.23	0.00	0.00	3446.42	0.00	0.00	0.00	0.00	0.00	136478.23		
51	Providing and fixing top covers made out of 20 guage M.S. sheet over pull and push rolling shutters bent to shape including	Mtr	13.20	510.84	6743.09	13.20	569.59	7518.59	0.00	0.00	569.59	0.00	0.00	0.00	0.00	0.00	7518.59		
52	Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off	Sqm	987.43	200.88	198354.94	724.03	223.98	162168.24	564.01	564.01	223.98	126326.96	0.00	0.00	0.00	126327.00	35841.24		
53	First Floor	Sqm	941.56	205.88	193848.37	293.78	229.56	67440.14	685.95	367.23	229.56	84301.32	318.72	229.56	73165.36	157467.00		90026.86	
54	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners	Sqm	463.18	208.44	96545.24	463.18	232.41	107647.66	607.51	578.98	232.41	134560.74	28.53	261.24	7453.18	142014.00		34366.34	
55	First Floor	Sqm	485.19	213.44	103557.89	485.00	237.99	115425.15	638.78	606.25	237.99	144281.44	32.53	263.86	8583.37	152865.00		37439.85	
56	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per	Sqm	1269.17	27.00	34267.59	1017.81	30.11	30646.26	1171.52	1171.52	30.11	35274.47	0.00	0.00	0.00	35274.00		4627.74	
57	First Floor	Sqm	1294.87	32.00	41435.68	837.68	35.68	29888.42	1324.72	1047.10	35.68	37360.53	277.62	38.92	10804.97	48165.00		18276.58	
58	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off	Sqm	580.84	180.36	104760.30	580.84	201.10	116806.92	225.73	225.73	201.10	45394.30	0.00	0.00	0.00	45394.00	71412.92		
59	First Floor	Sqm	491.99	185.36	91195.27	490.00	206.68	101273.20	358.72	358.72	206.68	74140.25	0.00	0.00	0.00	74140.00	27133.20		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
60	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm	Sqm	485.08	2828.52	1372058.48	485.08	3153.80	1529845.30	467.96	467.96	3153.80	1475852.25	0.00	0.00	0.00	1475852.00	53993.30		
61	First Floor	Sqm	410.34	2830.02	1161270.41	51.50	3155.47	162506.71	486.37	64.38	3155.47	203149.16	421.99	3568.88	1506031.67	1709181.00		1546674.30	
62	Providing Ceramic tiles of size 30x30 cms of approved make, shade and size for flooring, treads of steps and landings laid	Sqm	24.71	1270.08	31383.68	24.71	1416.14	34992.82	7.15	7.15	1416.14	10125.40	0.00	0.00	0.00	10125.00	24867.82		
63	First Floor	Sqm	20.66	1271.58	26270.84	20.66	1417.81	29291.95	8.74	8.74	1417.81	12391.66	0.00	0.00	0.00	12392.00	16899.95		
64	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement	Sqm	165.90	1602.72	265891.25	165.90	1787.03	296468.28	50.41	50.41	1787.03	90084.18	0.00	0.00	0.00	90084.00	206384.28		
65	First Floor	Sqm	118.23	1604.22	189666.93	118.23	1788.71	211479.18	34.59	34.59	1788.71	61871.48	0.00	0.00	0.00	61871.00	149608.18		
66	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P. trap) with black solid plastic seat	Pan	10.00	5540.40	55404.00	10.00	6177.55	61775.50	2.00	2.00	6177.55	12355.10	0.00	0.00	0.00	12355.00	49420.50		
67	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests,	Pan	1.00	1381.32	1381.32	1.00	1540.17	1540.17	2.00	2.00	1540.17	3080.34	0.00	0.00	0.00	3080.00		1539.83	
68	Providing and fixing white vitreous china clay, flat back wash basin size 450 x 300mm with a single 15mm C.P brass	Unit	12.00	2839.32	34071.84	12.00	3165.84	37990.08	2.00	2.00	3165.84	6331.68	0.00	0.00	0.00	6332.00	31658.08		
69	Providing and fixing C.P. brass towel rail 600mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass	Unit	12.00	766.80	9201.60	12.00	854.98	10259.76	6.00	6.00	854.98	5129.88	0.00	0.00	0.00	5130.00	5129.76		
70	Providing and fixing 450mm dia circular shape mirror with plastic moulded frame of approved make and shade with 6mm thick	Unit	12.00	935.28	11223.36	12.00	1042.84	12514.08	8.00	8.00	1042.84	8342.72	0.00	0.00	0.00	8343.00	4171.08		
71	Providing 15cms x 10cms stoneware gully trap of approved quality and make fixing in CC 1:2:4 and plastering with CM 1:3	Each	30.00	291.60	8748.00	30.00	325.13	9753.90	0.00	0.00	325.13	0.00	0.00	0.00	0.00	0.00	9753.90		
72	Providing and fixing 12.5cms x 7.5cms CI Nahani trap of approved make conforming to PSI specifications and	Each	13.00	307.80	4001.40	13.00	343.20	4461.60	14.00	14.00	343.20	4804.80	0.00	0.00	0.00	4805.00		343.40	
73	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot	M	90.00	270.00	24300.00	90.00	301.05	27094.50	150.00	112.50	301.05	33868.13	37.50	462.06	17327.25	51195.00		24100.50	
74	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials,	Each	25.00	172.80	4320.00	25.00	192.67	4816.75	30.00	30.00	192.67	5780.10	0.00	0.00	0.00	5780.00		963.25	

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	Description	Unit	Qty. as per Sanctioned Estimate			Approved Qty			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
75	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making	Nos	4.00	9144.36	36577.44	4.00	10195.96	40783.84	1.00	1.00	10195.96	10195.96	0.00	0.00	0.00	10196.00	30587.84		
76	Constructing brick masonry inspection chamber 600x600mm and 450mm depth (clear inside dimension) for single pipeline,	Nos	10.00	9670.32	96703.20	10.00	10782.41	107824.10	4.00	4.00	10782.41	43129.64	0.00	0.00	0.00	43130.00	64694.10		
77	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure	M	50.00	774.36	38718.00	50.00	863.41	43170.50	60.00	60.00	863.41	51804.60	0.00	0.00	0.00	51805.00		8634.50	
78	Providing and fixing polished granite sink of size 60cms×60cms of 23cm thick, the sink portion shall be 15cm in	Each	2.00	5231.52	10463.04	2.00	5833.14	11666.28	2.00	2.00	5833.14	11666.28	0.00	0.00	0.00	11666.00	0.28		
79	Providing and fixing Stainless steel 304 grade for staircase railings, balconies, ramps with hand rail, 50mm dia 16 guage	Sqm	12.00	6638.76	79665.12	12.00	7402.22	88826.64	0.00	0.00	7402.22	0.00	0.00	0.00	0.00	0.00	88826.64		
80	Providing and fixing 60x60cms M.S. inspection door with necessary M.S. frame made out of M.S. angle 50x50x6mm and	Each	2.00	1927.13	3854.26	2.00	2148.75	4297.50	2.00	2.00	2148.75	4297.50	0.00	0.00	0.00	4298.00		0.50	
81	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface	Sqm	1269.17	97.20	123363.32	1017.81	108.38	110310.25	1171.52	1171.52	108.38	126969.34	0.00	0.00	0.00	126969.00		16658.75	
82	First Floor	Sqm	1294.87	100.20	129745.47	837.68	111.72	93585.61	1324.72	1047.10	111.72	116982.01	277.62	76.80	21321.22	138303.00		44717.39	
83	Providing and finishing external walls in two coats with waterproof cement paint with primer of approved brand and	Sqm	580.84	90.72	52693.80	580.84	101.15	58751.97	225.73	225.73	101.15	22832.59	0.00	0.00	0.00	22833.00	35918.97		
84	First Floor	Sqm	491.99	93.72	46109.30	0.00	104.50	0.00	358.72	358.72	104.50	37486.24	0.00	104.50	0.00	37486.00		37486.00	
85	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after	Sqm	250.40	31.32	7842.61	250.40	34.92	8744.06	0.00	0.00	34.92	0.00	0.00	0.00	0.00	0.00	8744.06		
86	First Floor	Sqm	122.24	34.32	4195.36	122.24	38.27	4678.22	0.00	0.00	38.27	0.00	0.00	0.00	0.00	0.00	4678.22		
87	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to	Sqm	250.40	88.56	22175.65	250.40	98.74	24724.74	0.00	0.00	98.74	0.00	0.00	0.00	0.00	0.00	24724.74		
88	First Floor	Sqm	122.24	91.56	11192.52	122.24	102.09	12479.74	0.00	0.00	102.09	0.00	0.00	0.00	0.00	0.00	12479.74		
89	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 90 mm outer dia. approved make and	Mtr	90.00	462.24	41601.60	90.00	515.40	46386.00	90.00	90.00	515.40	46386.00	0.00	0.00	0.00	46386.00	0.00		
90	Providing and laying integral cement based waterproofing treatment including preparation of surface as required for	Sqm	401.15	976.32	391650.77	400.00	1088.60	435440.00	0.00	0.00	1088.60	0.00	0.00	0.00	0.00	0.00	435440.00		

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	Description	Unit	Qty. as per Sanctioned Estimate			Approved Qty			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
91	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick	Sqm	129.92	1171.80	152240.26	**129.92**	1306.56	169748.28	**0.00**	0.00	1306.56	0.00	0.00	0.00	0.00	0.00	169748.28		
92	Supplying and wiring adopting loop system in existing PVC Conduit/casing capping using copper PVC insulated multi	Point	50.00	174.00	8700.00	**50.00**	194.01	9700.50	**50.00**	50.00	194.01	9700.50	0.00	0.00	0.00	9701.00		0.50	
93	Medium point above 3 Mtrs up to 6 Mtrs from tapping point to out let via switch	Point	50.00	245.00	12250.00	**50.00**	273.18	13659.00	**50.00**	50.00	273.18	13659.00	0.00	0.00	0.00	13659.00	0.00		
94	Long point above 6 Mtrs up to 10 Mtrs from tapping point to out let via switch	Point	50.00	363.00	18150.00	**50.00**	404.75	20237.50	**50.00**	50.00	404.75	20237.50	0.00	0.00	0.00	20238.00		0.50	
95	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate	No	200.00	109.00	21800.00	**200.00**	121.54	24308.00	**180.00**	180.00	121.54	21877.20	0.00	0.00	0.00	21877.00	2431.00		
96	Supplying 6A flush/projected type socket and 6 amps flush/projected type SP switch either surface/flush mounting in	No	200.00	127.00	25400.00	**200.00**	141.61	28322.00	**184.00**	184.00	141.61	26056.24	0.00	0.00	0.00	26056.00	2266.00		
97	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates. The box should be	No	200.00	172.00	34400.00	**200.00**	191.78	38356.00	**193.00**	193.00	191.78	37013.54	0.00	0.00	0.00	37014.00	1342.00		
98	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or	Sqcm	150000.00	0.22	33000.00	**150000.00**	0.25	37500.00	**150000.00**	150000.00	0.25	37500.00	0.00	0.00	0.00	37500.00	0.00		
99	Supplying heavy gauge PVC conduit pipe 20mm dia confirming to IS 2509 with suitable size bends, junction	Rmtr	500.00	54.00	27000.00	**500.00**	60.21	30105.00	**500.00**	500.00	60.21	30105.00	0.00	0.00	0.00	30105.00	0.00		
100	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board	Each	2.00	2727.00	5454.00	**2.00**	3040.61	6081.22	**2.00**	2.00	3040.61	6081.22	0.00	0.00	0.00	6081.00	0.22		
101	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and	Each	50.00	180.00	9000.00	**50.00**	200.70	10035.00	**3.00**	3.00	200.70	602.10	0.00	0.00	0.00	602.00	9433.00		
102	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and	Each	50.00	418.00	20900.00	**50.00**	466.07	23303.50	**15.00**	15.00	466.07	6991.05	0.00	0.00	0.00	6991.00	16312.50		
103	Supply and fixing of bakelite D.P/Socket / switch with / without neon indicator over existing wood board or flush	Each	50.00	194.00	9700.00	**50.00**	216.31	10815.50	**38.00**	38.00	216.31	8219.78	0.00	0.00	0.00	8220.00	2595.50		
104	Supplying and fixing PBBC brass/Bakelite straight or slant batten holder and wiring, within 60W/230 Volts lamps.	Nos	50.00	88.00	4400.00	**50.00**	98.12	4906.00	**39.00**	39.00	98.12	3826.68	0.00	0.00	0.00	3827.00	1079.00		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
105	Wiring for lighting / power circuits using one of PVC insulated 1100v/grade multies and copper conductor single core cable in	Rmtr	1500.00	42.10	63150.00	1500.00	46.94	70410.00	1500.00	1500.00	46.94	70410.00	0.00	0.00	0.00	70410.00	0.00		
106	Wiring for lighting / power circuits using one of PVC insulated 1100v/grade multies and copper conductor single core cable in	Rmtr	1500.00	29.20	43800.00	1500.00	32.56	48840.00	1500.00	1500.00	32.56	48840.00	0.00	0.00	0.00	48840.00	0.00		
107	Fixing one exhaust fan after making a suitable nitch in the wall and finishing with cement mortar and colouring to match	Nos	15.00	680.00	10200.00	15.00	758.20	11373.00	0.00	0.00	758.20	0.00	0.00	0.00	0.00	0.00	11373.00		
108	Supplying exhaust fan of 1440 RPM of 300mm (12") size with bracket blades complete for light duty suitable to operate on 230V	Nos	15.00	1700.00	25500.00	15.00	1895.50	28432.50	0.00	0.00	1895.50	0.00	0.00	0.00	0.00	0.00	28432.50		
109	Supply of 2'x2' LED recessed luminaire with ...Watts system wattage. Housing shall be with pressure die cast aluminium alloy	Each	30.00	7006.00	210180.00	30.00	7811.69	234350.70	30.00	30.00	7811.69	234350.70	0.00	7811.69	0.00	234351.00		0.30	
110	FF-LED modular down light 2'x2'- 55 watts		20.00	9273.00	185460.00	20.00	10339.40	206788.00	20.00	20.00	10339.40	206788.00	0.00	0.00	0.00	206788.00	0.00		
111	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and	Each	20.00	153.00	3060.00	20.00	170.60	3412.00	20.00	20.00	170.60	3412.00	0.00	0.00	0.00	3412.00	0.00		
112	15"x12"x2"	Each	10.00	177.00	1770.00	10.00	197.36	1973.60	10.00	10.00	197.36	1973.60	0.00	0.00	0.00	1974.00		0.40	
113	20"x20"x2.5"	Each	10.00	302.00	3020.00	10.00	336.73	3367.30	10.00	10.00	336.73	3367.30	0.00	0.00	0.00	3367.00	0.30		
114	Supplying and fixing PVC/metal conduit Deep junction box 32mm deep junction box	Each	100.00	65.00	6500.00	100.00	72.48	7248.00	100.00	100.00	72.48	7248.00	0.00	72.48	0.00	7248.00		0.00	
115	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering,	Mtr	150.00	21.00	3150.00	150.00	23.42	3513.00	150.00	150.00	23.42	3513.00	0.00	0.00	0.00	3513.00	0.00		
116	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting	Each	6.00	11854.00	71124.00	6.00	13217.21	79303.26	6.00	6.00	13217.21	79303.26	0.00	13217.21	0.00	79303.00	0.26		
117	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete.In	Mtr	50.00	106.00	5300.00	50.00	118.19	5909.50	20.00	20.00	118.19	2363.80	0.00	0.00	0.00	2364.00	3545.50		
118	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with	Mtr	50.00	345.00	17250.00	50.00	384.68	19234.00	20.00	20.00	384.68	7693.60	0.00	0.00	0.00	7694.00	11540.00		
119	Supplying of 1.1 KV LT UG cable having aluminium conductor PVC insulated, extruded inner sheathed,	Mtr	50.00	140.40	7020.00	50.00	156.55	7827.50	20.00	20.00	156.55	3131.00	0.00	156.55	0.00	3131.00	4696.50		

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			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2021-22+/- T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
120	Supplying Capacitor type ceiling fan complete with down rod blades shackle canopies etc for	Each	30.00	2418.00	72540.00	30.00	2696.07	80882.10	14.00	14.00	2696.07	37744.98	0.00	0.00	0.00	37745.00	43137.10		
121	Fixing a ceiling fan of all capacities and all types to the existing S hook with fan regulator to the existing board	Nos	30.00	237.00	7110.00	30.00	264.26	7927.80	14.00	14.00	264.26	3699.64	0.00	0.00	0.00	3700.00	4227.80		
122	Supplying and Installing 1.00HP / 75 KW 10Stage Submersible Single Phase Motor	Set	1.00	12600.00	12600.00	1.00	14049.00	14049.00	1.00	1.00	14049.00	14049.00	0.00	0.00	0.00	14049.00	0.00		
123	Meter and Panel Board: Supply and delivery of meter and panel board unit one number of MS box of size 300 x 120mm size	Each	1.00	1370.00	1370.00	1.00	1527.45	1527.45	1.00	1.00	1527.45	1527.45	0.00	0.00	0.00	1527.00	0.45		
																18605742.00		2755189.63	
	Sub Total				17670777.11											1096538.00			
	GST @ 12%				2120493.25														
	1% Third Party Inspection Charges				176707.77														
	BESCOM Deposit				20000.00														
	Miscelaneous and unforgen charges	LS			12022.00														
	Total				20000000.00			19702770.86								19702280.00	2755680.49	2755189.63	
																		0.002 %	

Percentage Excess = $\frac{2755189.63}{19702770.86} \times 100$ = 13.98%

SUMMARY:

1 Estimated Cost : Rs. 200.00 Lakhs
2 Tender Cost : Rs. 197.02 Lakhs
4 Work Slip Amount Rs. 27,55,159.63 of Tender Amount
5 During execution as per requirement and site condition, the total Qty to be executed costs Rs. 197.02 Lakhs which is 0.002% BELOW the Tender cost. The proposal may kindly be approved.

Assistant Engineer
Project Division

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Project Division, Yelahanka

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Project Division, Yelahanka

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore-92

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